

Title (en)
METHOD FOR OPERATING A SYSTEM OF STATIONS

Title (de)
VERFAHREN ZUM BETREIBEN EINES ANLAGENSYSTEMS

Title (fr)
PROCÉDÉ DE MISE EN OEUVRE D'UN SYSTÈME DE POSTES

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Application
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Abstract (en)
[origin: WO2022243054A1] The invention relates to a method for operating a system of stations for coating objects, in particular vehicle bodies, in which a coating installation for coating objects is present at an operating site, in which coating material is applied to the objects in at least one coating cabin, through which an air stream is guided, which absorbs and discharges the produced overspray of the coating material. The air stream is supplied to a separation device of the coating installation, which separation device is operated with a plurality of filter modules, in which a large proportion of at least the solids is separated from the overspray. Each filter module is exchanged for an empty filter module after a limit to which it can be laden with overspray is reached, wherein a filter module can at least thermally be partially regenerated. The number of filter modules available at the operating site for operating the separation device defines an actual number, the number of the filter modules required at the operating site for operating the separation device defines a target number and the difference between the actual number and the target number defines a required number if the actual number is less than the target number, or defines an excess number if the actual number is greater than the target number. A filter module pool is provided, which comprises a stock number of filter modules, at least a part of which is stored at a pool site which is different from the operating site of the coating installation. A number of filter modules corresponding to the required number is physically transferred from the filter module pool to the operating site, as a result of which the actual number is increased by the required number and the stock number is reduced by the required number, or a number of filter modules corresponding to the excess number is assigned to the filter module pool, as a result of which the actual number is reduced by the excess number and the stock number is increased by the excess number.

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